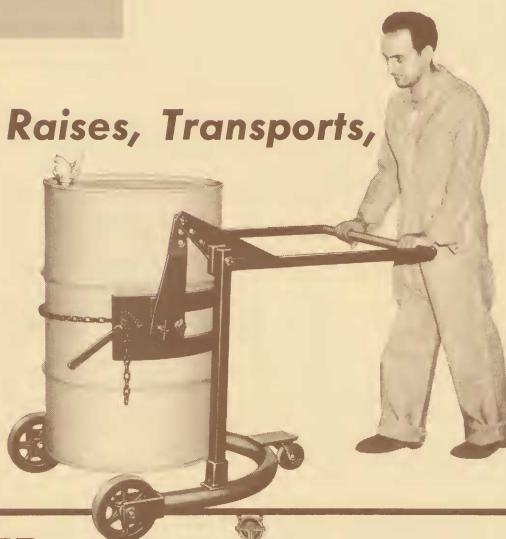


# MORSE DRUM and BARREL Handling

## Equipment

### MODEL 80 BARREL-LIFT Raises, Transports, Tilts and Drains Fully Loaded Drum

The safest, fastest, easiest way yet found for handling drums. Built to stand rough handling. All steel, welded construction. Easily operated by one man. Automatic safety locks at operator's fingertips. Adjustable leverage for drums of different weights up to 800 lbs. Floor clearances from  $5\frac{1}{2}$ " to  $11\frac{1}{2}$ ". Comes complete with 85A Saddle for handling 55 gal. drums. Roller-bearing wheels and rear swivel caster allow easy moving in tight places.



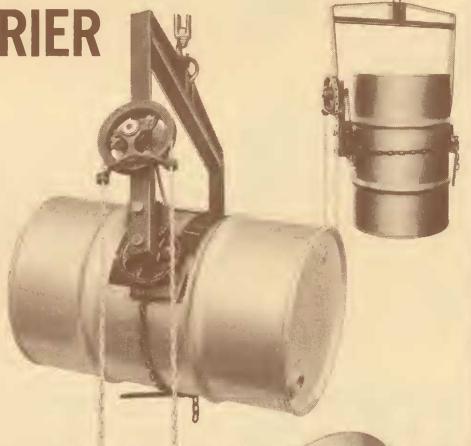
### MODEL 85 DRUM-KARRIER Moves Drums Safely, Dependably by Monorail or Crane

Designed for fast, easy moving and dispensing of drums by one man. Simply hook the Drum-KARRIER to monorail hoist or crane . . . snap KARRIER Saddle between chines of drum . . . cinch tightly . . . and the drum is ready to go. Positive tilt locks hold drum in vertical position during travel. Release locks, tilt drum and dispense contents. Comes equipped with an 85A Saddle for handling standard double chine steel drums  $22\frac{1}{2}$ " dia., 36" high. Handles up to 500 lbs. dry load and 800 lbs. liquid load.



### MODEL 185 KONTROL-KARRIER Safe, Efficient, High Level, Controlled Pouring

A remote control unit that extends the advantages of accurate hand tipping on the floor to drum tipping operations at any height or location in the plant. The Kontrol-KARRIER cuts labor time, minimizes spillage and improves plant safety. Easily operated by one man. Designed for a standard 55 gal. or  $22\frac{1}{2}$ " dia. drum. Handles 800 lb. liquid and 500 lb. dry loads with safety and ease. Tipping capacities vary with type and amount of load carried. Comes equipped with Model 85A Saddle. Special saddles may be ordered.



### MODEL 285 FORK LIFT-KARRIER Transports, Lifts, Tilts and Drains Drums at Operator's Command

Driver-controlled KARRIER can be raised to truck's lift capacity, handling 800 lb. liquid or 500 lb. dry load. Pocket size:  $5\frac{1}{2}$ " wide,  $1\frac{1}{2}$ " high, 30" deep; inside width between forks must be  $24\frac{1}{2}$ " minimum. Pockets accommodate fork section 30" from tip which does not exceed  $5\frac{1}{2}$ " width and  $1\frac{1}{2}$ " thickness, with special pocket sizes available. Standard unit for 55 gal.— $22\frac{1}{2}$ " diameter drum; other drum sizes available on special order.



### DRUM SADDLES For Models 80 & 85

MODEL  
85A



55 GAL. DRUM SADDLE

A manually operated spring lock holds drum in either upright or horizontal position.

MODEL  
85B



30 GAL. DRUM SADDLE

Has ratchet and pawl on hinged plate to accommodate 19" dia. drums.

### FIBRE DRUM SADDLES

MODEL  
85C



Adjustable 21" - 23" Dia.

MODEL  
85D

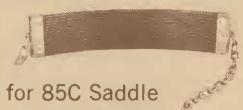


Adjustable 19" -  $20\frac{1}{2}$ " Dia.

These two models meet the problem of off-sizes in fibre drums. A simple nut and bolt change to pre-punched holes in rear of saddle combined with chain adjustment results in necessary flexibility.

### FIBRE DRUM STRAP

MODEL  
85E



18" for 85C Saddle  
16" for 85D Saddle

Protects fibre drums from damaging action of chains. Can be used on 85A and 85B Saddles — 18" length for 22" dia. and 16" length for 19" dia. drums.

### Special SADDLES:

As specialists in the field, MORSE designs and builds many Special Saddles for specific applications.



Saddle of the type shown here can be made to accommodate any size drum smaller in diameter than the 85B Saddle (19" dia.). MORSE also designs and builds Special Saddles to handle specific applications of the Model 185 Kontrol-KARRIER.

# DRUM CRADLE TRUCKS

**Designed for Durability...  
Engineered for Efficiency**

## MODEL 40 (Model 40A in Aluminum)

This standard model is recommended for general applications. Designed for the standard 55 gal. or 22½" dia. drum. Safety catch on nose piece and non-skids on rocker prevent slipping while loading. Rugged angle-iron construction. Available without wheels as Model 43 for use as storage rack and Model 49 with curved top rails to hold barrels.



## MODEL 44 ROCK-A-DRUM Vertical Truck

This model picks up heavy 55 gal. drum and rolls it over to reverse upright position for dispensing. To load simply slip safety catch on nose piece under chine of drum, engage long, threaded hook over opposite chine and tighten. Angle-iron plate screws down to fit bottom of drum.



MORSE Drum Cradle Trucks are designed, engineered and constructed for the job. MORSE builds 13 standard models in three series plus many special Drum Trucks to handle specific customer applications.

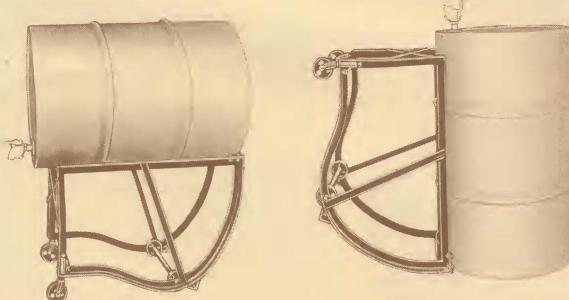
## MODEL 50

This truck has many features of the 40 Series. The major difference is the MORSE Retracting Caster Frame which lengthens wheel base and makes a more stable truck. Foot safety catch locks frame in position. When released, frame swings clear of rocker giving curved surface for loading. Available with 4" wheels as Model 51.



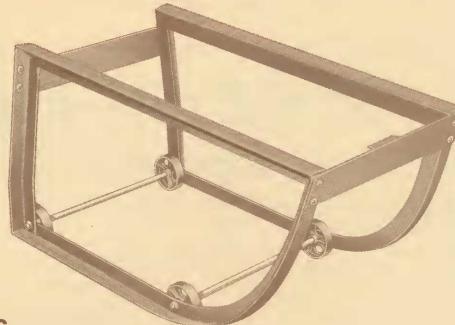
## MODEL 55-0

This model features 2½" dia. rollers to provide easy turning of drum into dispensing position. Has longer wheel base than Model 50 to accommodate either 55 gal. or 110 gal. drums. Also features Retracting Caster Frame and side opening for side drum dispensing. Available with shorter wheel base for 30 gal. drums. Available without side opening as Model 55-C.



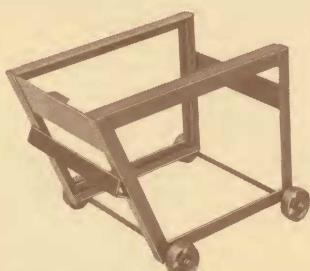
## MODEL 45

This truck has many of the same features as the Model 40. The primary difference is a curved base which allows for two swivel casters on front of truck for ease in moving around corners and into tight locations.



## MODEL 66

This truck is the economy model. Designed to accommodate 55 gal. or 30 gal. drums, it can handle drum loads up to 500 lbs. Available without wheels as Model 67 for use as storage rack.



## MODEL 46

This model is specifically designed to handle 15 gal. drums. Offers perfect balance plus exclusive two-point fulcrum action. Available without wheels as Model 47 for use as storage rack.

### MODEL NO. MORSE CRADLE TRUCK SPECIFICATIONS

40*	Four 3" wheels on straight axles.
43*	Same as 40 — less wheels
44	Vertical — four 3" wheels on straight axles
45*	Two 3" wheels, two 3" casters
46	For 15 gal. drums, four 3" wheels
47	Same as 46, less wheels
49	Same as 40, with curved top rails for barrels
50*	Retracting frame — two 3" wheels, two 3" casters
51*	Same as 50 — 4" wheels
55-0	Open side, with rollers
55-C	Same as 55-0, less side opening
66	Economy, four 3" wheels on straight axles
67	Same as 66 — less wheels

WHEEL BASE	HEIGHT TO CHINE	WEIGHT LBS.
18"	18½"	31
15"	17¾"	29
18"	15"	50
18"	18¾"	33
13"	13¾"	24
—	13¾"	22
18"	18½"	31
27"	18½"	41
27"	19"	42
29"	19¾"	57
29"	19¾"	55
18"	14"	22
17"	13¼"	20

\*Available with curved top rails to accommodate barrels

### ACCESSORIES

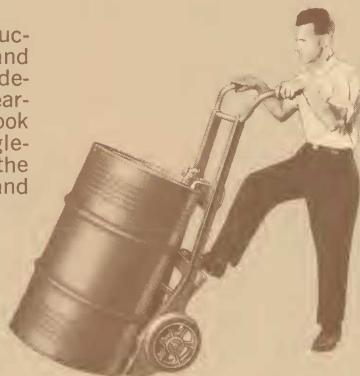
- **TIPPING LEVER NO. 31**—see accessory equipment section.
- **DRUM LOCKING DEVICE**—used to lock drum onto cradle, available for all trucks except Models 66 and 67.
- **BACK STRAP**—adapts all MORSE Cradle Trucks to handle 30 gal. drums.
- **DUTEX or BRONZE WHEELS**—can be supplied for all MORSE Cradle Trucks.
- **SPECIAL HEIGHTS**—available up to max. dispensing height of 30" on all trucks.

# HAND TRUCKS

## Rugged and Reliable

### MODEL 100

The two plane angle-iron construction of this model will withstand the most rugged use and is designed to allow adequate clearance for barrels. A sliding hook rides up and down the two angle-iron frame members to engage the chine of the barrel or drum and hold it fast.



### MODEL 150 FLOAT-LODE

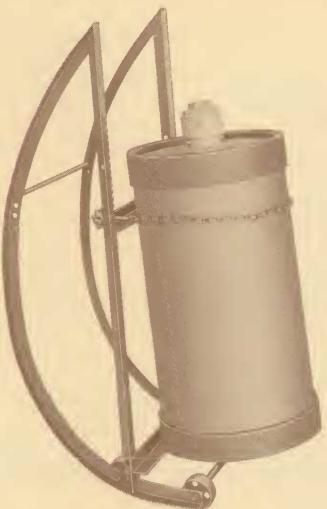


This model is so adaptable that it accommodates containers from 24" to 45" long in any diameter from 15" up. Picks up and deposits loads on floors, tightly-packed rows — and pallets up to 8" high.

## HANDLING EQUIPMENT and ACCESSORIES

### Designed for the Job ...

#### Built to Last



#### No. 11 SPECIAL CARBOY ROCKER FOR POLYETHYLENE

This Carboy Rocker is of rugged welded angle steel construction and accommodates 15" by 28" Polyethylene acid containers. The outlet of the bottle is approximately 18" above the floor for ease in safely dispensing to a smaller vessel. Four 3" dia. wheels on the rocker hold container upright for moving. To load, simply roll rocker under bottom edge of container, engage threaded knob and chain around container and tighten.

#### No. 12 BARREL AND DRUM STAND

A strong welded 1½" angle-iron stand designed to hold all sizes of barrels and drums. Two supporting chains fit the contour of any drum or barrel and place the bung of the drum 20" above the floor. Can be folded flat when not in use.



MORSE Hand Trucks are engineered for perfect balance and built for rugged service and long life. Load weight is placed directly on roller bearing wheels. Long handles sustain and distribute the load. A step lever is provided for additional leverage when loading. The truck — not the workman — lifts the load.

### MODEL 100-D DISPENSO



This model duplicates the regular Model 100 but with two important additional features. A double drum saddle raises the drum or barrel to 13½" height in dispensing position and two pipe rockers elevate the drum to a horizontal dispensing position.

#### SPECIFICATIONS

• Length overall	61"
• Width at handles	24½"
• Width at wheels	20"
• Chine Hook adjustable movement:	
Model 100, 100-D	18"
Model 150	21"
• Axle diameter	7/8"
• Wheel diameter	10"
• Wheel width	2½"
• Recommended capacities:	
Model 100, 150	1000 lbs.
Model 100-D	600 lbs.
Rubber tires, standard equipment on all models. Steel wheels available.	

#### No. 10 UNIVERSAL CARBOY ROCKER

This Carboy Rocker handles the conventional size acid carboys from 18" x 18" x 23" to 20" x 20" x 25". Bottle outlet is approximately 20" above the floor and the truck is equipped with two 3" dia. wheels. To load, raise handle, roll the wheels under the carboy and lower handle over two steel bars which secure the carboy.

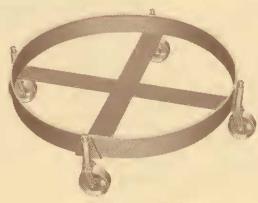


#### No. 10-A CARBOY EMPTYING ATTACHMENT

Designed for emptying of carboy into a vat safely and easily, attachment rides on inside of rocker, and a lock hook holds carboy in pouring position. Fits all MORSE Carboy Rockers.

#### No. 13-S DRUM DOLLY

This 23" dia. Dolly constructed of 2½" steel with an overall height of 6½" is designed for vertical handling of open end drums. Has 700 lb. load capacity and deep lip holds drum securely. Four ball bearing swivel casters with 3" dia. steel wheels make this Dolly easy to maneuver. Model 13-D available with Dutex floor protective wheels.

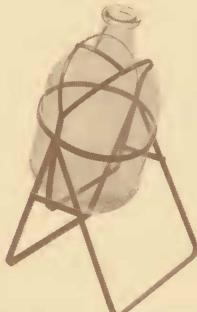


DRUM HANDLING EQUIPMENT  
**MORSE**  
MFG. CO., INC.

# DRUM HANDLING EQUIPMENT and ACCESSORIES

## No. 15 MORSE CAN TIPPER

Primarily designed for 5 gal. round cans. Also accommodates square cans by simply bending the center round member to fit. A safety lock slides down the handle making a firm contact, and holds the container in locked position. Dispensing height is approximately 10" above floor level. Folds for compact storage.



## No. 18 BOTTLE TIPPER

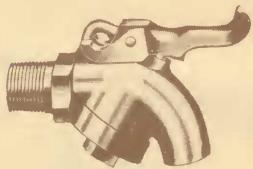
Designed for handling 5 gal. glass bottles, the No. 18 holds the bottle in position by two steel straps which are securely locked with a simple catch. Dispensing height 15" horizontal, 9" at 45 degree tilt and the bottle may be turned completely upside down for draining.



## MORSE DRUM FAUCETS

All MORSE Drum Faucets are made of close-grained grey iron and finished with a special aluminum lacquer. They have  $\frac{3}{4}$ " U.S. Standard pipe thread and are recommended for use with drums containing any non-corrosive liquids including all petroleum products, oils, turpentine, alcohol, lacquers, etc.

## No. 60-F SELF-CLOSING FAUCET



In operation, the handle of the No. 60-F is pushed down for immediate full flow and released for positive full stop. Equipped with a replaceable Neoprene seat, the tapered thread sealing plug, is readily removable to permit cleaning of internal parts. (Also available with leather seat for special applications.)

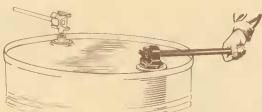


## No. 65 MOLASSES NON-LOCK GATE

Especially constructed for heavy liquids that do not flow freely. Has U. S. Standard pipe thread in  $\frac{3}{4}$ , 1,  $1\frac{1}{2}$  and 2 inch sizes.

For further information on any MORSE equipment, contact your MORSE Dealer or write to:

## No. 61 MORSE DRUM PLUG WRENCH



Scientifically designed for removing and tightening 95% of all drum plugs on the market. The head of this wrench is made of special steel alloy for added strength and durability. 16" handle of steel tubing has punched hole for hanging. Comes packed individually or in cartons of 12.

## No. 31 TIPPING LEVER

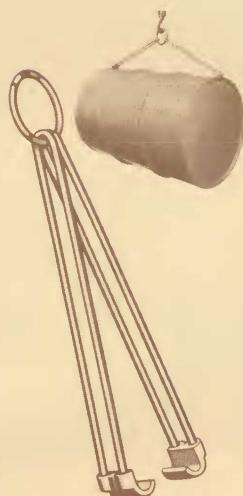
For one-man loading of heavy drums, the No. 31 Tipping Lever offers easy and safe tipping of 55 gal. containers. Constructed with 40" steel tubing and malleable iron double hook, a 3" nose piece accommodates all types of drums or barrels. Especially recommended for loading drums weighing over 500 lbs. and designed for use with all MORSE Drum Cradle Trucks.



## No. 32 DRUM UPENDER

This heavy-duty steel 40" offset Upender takes the strain and effort out of positioning drums from horizontal to vertical position. A wide  $2\frac{1}{2}$ " toe plate prevents denting of drums, and the  $1\frac{1}{2}$ " hook has adequate clearance for the largest chine.

## MORSE DRUM LIFTING HOOKS



## No. 41 DRUM LIFTING HOOK

This MORSE Drum Lifting Hook consists of  $\frac{7}{16}$ " double steel rods which are attached to malleable iron hooks. The wellied Lifting Ring is 3" in diameter. This hook is designed for lifting steel drums, but can be used for barrels. Lifting capacity is 1000 lbs.

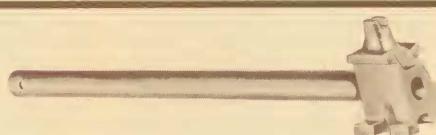
## No. 41M BRONZE DRUM LIFTING HOOK

This safety non-sparking MORSE Hook has the same construction features as No. 41 except the entire unit is made of brass or bronze and has a 750 lb. capacity.

## No. 21 BARREL LIFTING HOOK

Designed especially for wooden barrels, this Lifting Hook is similar to the No. 41 but has wide 6" hooks which catch at least 3 staves, eliminating the possibility of stave breakage.

## No.



## No. 61-M MORSE DRUM PLUG WRENCH

Used for opening containers holding volatile substances, this wrench has the same features as the No. 61 Drum Plug Wrench plus non-sparking manganese bronze head and non-conductive handle grip.



**MORSE MANUFACTURING CO., INC.**  
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